

North Charleston Air Monitoring Planning Meeting
Summary Minutes
Accabee Community Center
November 14, 2007 • 5:30 pm

Attendee list attached.

Meeting began with brief introductions of all in attendance.

Scott Reynolds, with DHEC's Division of Air Quality Analysis, discussed the air-monitoring prospect. With the proposed expansion of the port, one additional air monitor will be added in the Charleston neck as part of DHEC's statewide ambient air monitoring network. DHEC is developing a study to see how concentrations of fine particulate vary across the area to provide information to help place the new long-term monitor. Currently DHEC is evaluating what type of survey monitors will be used for this initial study and is drafting a monitoring plan that describes how the study will be done. The plan will describe the types of equipment, frequency of sampling and how the quality of the data will be ensured once the sites are chosen. The samplers should be available for placement in late spring 2008.

The purpose of this meeting is to gather input for the study. Four to six temporary monitors will be placed in the nearby communities. Considerations for the site placement of a monitor include:

- Open spaces
- Not clustered in one place (distributed over the entire area)
- Where people are (live, work, churches, playgrounds)
- Accessible height
- Secure
- No nearby sources

Monitoring data can be used to check the output of a modeling tool, such as, CMAQ (Community Multiscale Air Quality model), could be used to help estimate ambient concentrations across a large area like the Charleston Metropolitan area in places where monitoring is not possible.

Who was represented (or not)? Who is not here who would be directly impacted?

22 neighborhoods were identified in the environment impact statement. Roughly 15- 17 potential communities were not represented. The communities, potentially most impacted by the proposed expansion (for the purpose of this study) include:

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|--------------------|------------------|---------------|
| • Rosemont | • Union Heights | • Silver Hill |
| • Chicora-Cherokee | • Howard Heights | • Four Mile |
| • Accabee | • Winslow | • Five Mile |

Plans for air quality workshops in the community were also discussed. Dr. Erik Svendsen and Dr. Sacoby Wilson of the USC School of Public health plan to characterize the health of the various communities in the neck.

Susan Yates (DHEC –Charleston) provided an update on the Montenay site. Also, a summary in response to an earlier question about monitoring at the Macalloy site will be emailed to the group.

A follow-up meeting will be planned for early 2008 to discuss the monitoring plan and set up meeting with the above communities to relay this information and get input on where the monitors need to be place.